

## Nanofab Project Application Form (External User)

New/Existing Project Title: \_\_\_\_\_

Is this an existing project?      Yes      No      Funding Agency: \_\_\_\_\_

Are you collaborating with NIST personnel in this work or experiment:      Yes      No

Name(s) of NIST Collaborator(s) \_\_\_\_\_

Proposed Start/Renewal Date \_\_\_\_\_ Proposed Budget \_\_\_\_\_

How many visits needed to complete experiment: \_\_\_\_\_ How many days per visit: \_\_\_\_\_

Time frame for entire project (months): \_\_\_\_\_

### Principle Investigator (Person responsible for project)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Institutional Affiliation: \_\_\_\_\_

Country of Citizenship : \_\_\_\_\_

Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

### Primary Researcher (Person who would visit the Nanofab)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Institutional Affiliation: \_\_\_\_\_

Country of Citizenship : \_\_\_\_\_

Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

### Co-Researcher (Any others working at the Nanofab)

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Institutional Affiliation: \_\_\_\_\_

Country of Citizenship : \_\_\_\_\_

Email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**(If there are additional co-researchers, attach additional forms as necessary)**

To help us better report our impact on the scientific community we request you use the space below to list the names and titles of any additional collaborators on this project even if they will not be visiting the Nanofab.

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USER agrees to acknowledge the CNST in publications resulting from this work with the following statement:  
"Research performed in part at the NIST Center for Nanoscale Science and Technology".

# External Project Application

There is a fee waiver available for non-proprietary external research that supports the CNST mission.

*The CNST mission is to provide measurement methods, standards and technology to support all phases of nanotechnology development from discovery to production.*

***Non-proprietary research is not confidential, public access is permitted to the resulting data, and the research in general will be published with an acknowledgment to CNST. To be eligible for the fee waiver, the proposal must be non-proprietary and support the CNST mission if the PI is not a NIST staff member.***

Do you wish to apply for partial the fee waiver?	Yes	No
Is the research non-proprietary	Yes	No

***Please clearly answer the following:***

**1. Describe the long-term goal of your research project.**

**2. What is the expected significance of this project and its impact on measurement methods for nanotechnology?**

**3. Which aspects of this project require Nanofab capabilities?**

**Which tools do you plan to use?**

Photolithography

Dry etch

Furnaces

Metal Deposition

Inspection

Wet chemistry

Wafer saw/wire bonder

Imprint lithography

Focused ion beam

Electron beam lithography

4. Describe in some detail the work you intend to conduct in the Nanofab. Specify materials and chemicals you will be using.

5. Describe any previous results, information, or publications which can be provided to support the work intended to be completed in the Nanofab

Please attach a copy of any referenced publications to this application

Upon acceptance of your application, please provide billing information. You may choose to pay by credit card, check or purchase order. Thank you.

Do not write below this line – For CNST use only

Proposal # \_\_\_\_\_

Date Received: \_\_\_\_\_

Date Approved: \_\_\_\_\_